

SAFETY DATA SHEET

CL-621	<i>SDS Number: CL-621</i>	<i>Revision Date: 06/01/2020</i>
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1. PRODUCT AND COMPANY IDENTIFICATION:

Product Name: CL-621
Product Code: CL-621
Product Use: Concrete Sealer
Synonyms: Acrylic Sealer
Chemical Formula: Solventborne Acrylic Solution
Restrictions: Institutional, Commercial and Industrial
Concrete Use Only



Manufacturer: Surtec, Inc.
 1880 N. MacArthur Dr
 Tracy, CA 95376
 209.820.3700
 Toll Free 800.877.6330

Emergency contact: Chemtrec 800.424.9300
 CCN No. 21541

2. HAZARD IDENTIFICATION:

GHS CLASSIFICATION:

<u>HEALTH</u>	<u>ENVIRONMENTAL</u>	<u>PHYSICAL</u>
<p> <i>Skin Irritation: Category 2</i> <i>Eye Irritation: Category 2A</i> <i>Specific target organ toxicity, single exposure: Category 3 (Respiratory System, Central Nervous System)</i> <i>Carcinogenicity: Category 2</i> </p>	<p> <i>Acute Toxicity: None known</i> <i>Chronic Toxicity: None known</i> </p>	<p> <i>Flammable Liquid: Category 2</i> </p>
<p><u>GHS Label</u></p>	<p><u>Signal Word:</u></p> <p>Danger</p>	
<p><u>Hazard Statements</u></p> <p>Highly flammable liquid and vapor. Causes serious eye irritation. Causes skin irritation May cause respiratory irritation. May cause drowsiness or dizziness. Suspected of causing cancer.</p>		
<p><u>Precautionary Statements</u></p> <p>Keep away from heat/sparks/open flames /hot surfaces. No smoking. Keep container tightly closed. Take precautionary measures against static discharge. Avoid breathing mist, vapors or spray. Wash skin thoroughly after handling. Wear respiratory protection, protective gloves/protective clothing/eye protection/face protection</p> <p>IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.</p>		

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IF ON SKIN: Remove immediately all contaminated clothing. Rinse skin with water for several minutes. If irritation occurs and persists, get medical attention.

IF SWALLOWED: Immediately call a Poison Center or physician. Do not induce vomiting.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local regulation.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT	CAS NO.	PERCENT	HAZARDOUS
ACETONE	67-64-1	30 - 50%	YES
PARACHLOROBENZOTRIFLUORIDE	98-56-6	30 - 50%	YES
MIXED XYLENES	1330-20-7	1.0 - 1.5%	YES
ETHYLBENZENE	100-41-4	0.1 -1.0%	YES
Exact Percentages are being withheld as trade secret information.			

4. FIRST-AID MEASURES:

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation occurs and persists, get medical attention.

Skin Contact: Remove immediately all contaminated clothing. Rinse skin with water for several minutes. If irritation occurs and persists, get medical attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.

Ingestion: Immediately call a Poison Center or physician. Do not induce vomiting.

5. FIRE-FIGHTING MEASURES:

Unusual Fire Explosion Hazards: In poorly ventilated areas, vapors may accumulate and travel to locations distant to the work area. Be aware of any flame or spark sources which could ignite vapors near and in range of the work area.

Fire Extinguishing media: Use dry chemical, carbon dioxide or alcohol-resistant foam.

Hazards during fire-fighting:

Containers may rupture when exposed to extreme heat.

Protective equipment for fire-fighting:

Wear NFPA-approved self-contained breathing apparatus, helmet, hood, boots and gloves.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

Use recommended personal protective clothing and equipment, including eye protection, chemically resistant gloves and vapor respirator. To prevent slipping, do not walk through spilled material.

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Environmental precautions:

Follow all Federal, State and Local regulations when storing and disposing of substances. Do not allow material to run off of work area, and material should be absorbed, collected and disposed of in accordance with regulations. Keep product from entering storm drains. Consult local and federal guidelines for proper disposal of these materials.

Cleanup:

General: In poorly ventilated areas, vapors may accumulate and travel to locations distant to the work area. Be aware of any flame or spark sources which could ignite vapors near and in range of the work area. Eliminate all ignition sources in the immediate area. Use clean non-sparking tools for spill cleanup.

- For small amounts of released material: Absorb or cover with inert absorbent, sand or dry earth. Transfer to a metal or HDPE container for disposal. - For large amounts of released material: Dike around spilled material with absorbent to contain. Absorb or cover with inert absorbent, sand or dry earth. Transfer to a metal container for disposal.

7. HANDLING and STORAGE:

Handling:

General advice - No specific measures are necessary provided product and recommended protective clothing/equipment are used correctly. Avoid contact with skin or eyes. Avoid breathing mist, vapors or spray.

Do not mix with other chemicals. This is a commercial product, not intended for home use. Keep out of reach of children.

Storage:

General advice - Protect against physical damage. Keep away from heat or sources of ignition. Keep away from oxidizing agents. Store in tightly closed containers in a cool, well ventilated area. Do not allow product to freeze.

Shelf Life:

Minimum 12 months

8. EXPOSURE CONTROLS and PERSONAL PROTECTION:

Advice on system design:

Provide local exhaust ventilation to control vapors for published exposure limits.

Personal protective equipment (HMIS rating 'I'):

Eye protection: Wear safety glasses with side shields or safety goggles to prevent exposure or full-face shield if splash hazard exists.

Skin protection: Chemical-resistant gloves. Wear appropriate protective clothing to prevent possible skin contact.

Respiratory protection: NIOSH-OSHA respirator with organic vapor cartridges.

General safety and hygiene measures: Exercise stringent hygiene practices to minimize exposure.

If contact occurs, wash any body part with soap and water immediately. Wash hands after use, and before eating, drinking or smoking.

Other protective measures:

Nearby running water on the job site is necessary, should an accident occur.

Exposure Guidelines:

ACGIH TLV: 500 ppm (67-64-1), 100 ppm (1330-20-7), 20 ppm (100-41-4),

STEL: 750 ppm (67-64-1), 150 ppm (1330-20-7), 125 ppm (100-41-4)

OSHA PEL: 1000 ppm (67-64-1), 100 ppm (1330-20-7), 100 ppm (100-41-4)

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9. PHYSICAL and CHEMICAL PROPERTIES:

Appearance:	Clear Liquid	Flash Point:	<4°F (Acetone)
Odor:	Sweet, pungent	Upper/Lower Flammability Limits:	12.8%/2.5% (Acetone)
pH value:	N/A	Relative Density (water):	1.02
Specific gravity:	1.02	Auto-Ignition Temperature:	No information available
Solidification temperature:	No information available	Decomposition temperature:	No information available
Freezing/Melting point:	N/A	Partition Coefficient	No information available
Boiling point:	No information available	Odor Threshold	No information available
Vapor density:	No information available	Viscosity:	29 seconds (Zahn #1)
Vapor pressure:	No information available	Partition Coefficient	No information available
Evaporation Rate:	No information available	Solubility in water:	None
Regulatory VOC:	99 g/l		

10. STABILITY and REACTIVITY:

Conditions to avoid: Ignition sources. Excessive heat or flame. Freezing.

Substances to avoid: Strong oxidizing agents, acid, bases and exposure to water or moisture.

Hazardous reactions: Product is chemically stable under normal conditions of use and storage.

Decomposition or By-products: In fire conditions: carbon monoxide (CO), carbon dioxide (CO₂).

11. TOXICOLOGY INFORMATION:

Acute Toxicity (Symptoms):

Oral: Ingestion may cause nausea, vomiting, and diarrhea.

Eye irritation: May cause serious irritation, redness, tearing.

Skin irritation: Irritation, redness, dryness from defatting of skin.

Inhalation: Irritation to the respiratory tract, nose and throat.

Target Organ Effects - Single Exposure: (Respiratory System): May cause respiratory irritation; **(Central Nervous System):** May cause drowsiness or dizziness.

Chronic Toxicity:

Other information: No human carcinogenic substances as defined by ACGIH and/or OSHA. NTP classifies Parachlorobenzotrifluoride as a carcinogen. IARC classifies Ethylbenzene (100-41-4) as Group 2B: Possibly carcinogenic to humans. ACGIH classifies Ethylbenzene as a confirmed animal carcinogen with unknown relevance to humans. Product not classifiable as a human carcinogen.

12. ECOLOGICAL INFORMATION:

Biodegradation:

Test method: Unspecified

Analysis method: Unspecified

Degree of elimination: Not Established

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Environmental toxicity:

Acute and prolonged toxicity to fish: Not Established

Toxicity to microorganisms: Not Established

Other ecotoxicological advice: Not Established

13. DISPOSAL CONSIDERATIONS:

Waste disposal of substance: Dispose of in accordance with all Federal, State and Local regulations when storing and disposing of substances. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA (EPA regulations for hazardous waste).

Container disposal: Dispose of in a licensed facility. Do not reuse container.

RCRA:

Unspecified.

14. TRANSPORTATION INFORMATION:

DOT:

UN/ID No: 1263

Proper Shipping Name: PAINT (FLASH POINT -1°F)

Hazard Class: 3

Packing Group: II

15. REGULATORY INFORMATION:

Federal Regulations:

Registration status:

TSCA, US:

All components are listed or exempt.

SARA hazard category (EPCRA 311/312):

Fire hazard

Acute health hazard

Chronic health hazard

SARA TITLE III, SECTION 313:

CAS Number: Chemical Name:

1330-20-7 Mixed Xylenes

100-41-4 Ethylbenzene

State Regulations:

Chemicals known to the State of California to cause cancer, birth defects or other reproductive harm

CAS Number: Chemical Name:

98-56-6 Parachlorobenzotrifluoride

100-41-4 Ethylbenzene

108-88-3 Toluene (trace)

71-43-2 Benzene (trace)

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16. OTHER INFORMATION:

NFPA Rating:

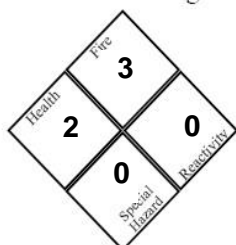
Health: 2 Fire: 3 Reactivity: 0 Special Hazard: none

HMIS III Rating:

Health: 2 Flammability: 3 Physical Hazard: 0
Personal Protection: I (safety glasses with side shields, chemical-resistant gloves and vapor respirator)

Both NFPA and HMIS III rating systems use a numbering scale that ranges from 0 to 4 to indicate the degree of hazard. A value of zero means the substance possesses no hazard while a value of four indicates high hazard.

NFPA Rating



HMIS Rating

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0
PERSONAL PROTECTION	I

Prepared by: Surtec, Inc., 06/01/20 **Revision No.:** 03

Local Contact Information:

Surtec, Inc.
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Notice: The information provided is accurate to the best of our knowledge and is offered in good faith. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in specific context of the intended use and determine whether they are appropriate.

Warranty: This is a proprietary SURTEC product, warranted to be of uniform quality within our stringent manufacturing tolerances. As no control is exercised over product use, no warranty is made as to the effects of such use (neither expressed nor implied). Obligation of the seller and manufacturer under this warranty shall be limited to a refund of the purchase price of that portion of the material proven to be defective. The user assumes all other risk and liability resulting from uses of this product. Contact SURTEC with any questions regarding this policy.